

CAPACITIVE SENSING DEVICE FOR  
USE IN A KEYPAD ASSEMBLY

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ABSTRACT

10        One embodiment in accordance with the present invention includes a  
capacitive sensing device for use in a keypad assembly of an electronic system. The  
capacitive sensing device includes a substantially transparent single sheet capacitive  
sensor. The substantially transparent single sheet capacitive sensor is configured to  
be disposed within the keypad assembly without requiring the formation of key post  
15    holes therethrough. Additionally, the substantially transparent single sheet capacitive  
sensor has a flexibility which enables desired tactile response during use of keys of  
the keypad assembly.